|  | Index of Claims |          |        |        |          |                     |          |           |            |          |                |       |     | Аррисацоп/Солтго No. |                          |                        |          |              |           |          |              |             | Reexamination |           |               |         |         |          |    |          |          |  |   |
|--|-----------------|----------|--------|--------|----------|---------------------|----------|-----------|------------|----------|----------------|-------|-----|----------------------|--------------------------|------------------------|----------|--------------|-----------|----------|--------------|-------------|---------------|-----------|---------------|---------|---------|----------|----|----------|----------|--|---|
| •  |                 |          |        |        |          |                     |          |           |            |          |                |       |     |                      | 1                        | 10/612,447<br>Examiner |          |              |           |          |              |             |               |           | ALLEN, WILLIA |         |         |          |    |          | E.       |  |   |
|  |                 |          |        |        |          |                     |          |           |            |          |                |       |     |                      |                          |                        |          |              |           |          |              |             |               |           | Art Unit      |         |         |          |    |          |          |  |   |
| , LINEAT THE COURT WITH THE STATE IN THE LINE IN THE COURT   F |                 |          |        |        |          |                     |          |           |            |          |                |       |     | ۱,                   | Laura L. Stockton, Ph.D. |                        |          |              |           |          |              |             |               | 1626      |               |         |         |          |    |          |          |  |   |
|  |                 |          |        |        |          |                     |          |           |            |          |                |       |     |                      |                          |                        |          |              |           |          |              |             |               |           |               |         |         |          |    |          |          |  |   |
|  |                 |          | ,   ,  | Reje   | ecte     | ed                  |          |           | _          | (T       | (Through numen |       |     |                      |                          | ral) Non-Elected       |          |              |           |          |              |             | Appeal        |           |               |         |         |          |    |          | •        |  |   |
|  |                 |          |        |        |          |                     |          |           | Cancelled  |          |                |       |     |                      |                          |                        |          |              |           |          | <del>\</del> |             |               |           |               |         |         |          |    |          |          |  |   |
| = Allowed +  |                 |          |        |        |          |                     |          | +         | Restricted |          |                |       |     |                      | I Interference           |                        |          |              | 0         | Objected |              |             |               |           |               |         |         |          |    |          |          |  |   |
|  |                 |          |        |        |          |                     |          |           |            | <u> </u> |                |       |     |                      |                          |                        |          |              |           |          | Ш            |             |               |           |               |         |         |          |    |          |          |  |   |
|  | Claim Date      |          |        |        |          |                     | _        | _         | ]          | Claim    |                |       | _   | Date                 |                          |                        | <b>3</b> |              |           | a        | aim          | Е           | Date I I I    |           |               |         |         | 7        |    |          |          |  |   |
|  | Final           | 를        | 719    | 13     |          | П                   | 1        |           |            |          | Final          | !   ] |     |                      |                          |                        | 1        |              | ŀ         |          |              | Final       | Original      |           |               | l       |         |          | ll |          |          |  |   |
| •  | Ē               | Original |        | 115    | }        |                     |          | ľ         |            |          | ئة             |       | 5   |                      |                          |                        | ı        | ١            | -         |          |              | Ē           | S S           |           |               | ı       |         |          |    |          |          |  |   |
|  |                 |          | Η.     | 1      |          | Н                   |          | 1         | $\pm$      |          |                | 5     | 1   | $\pm$                | +                        | H                      | +        | +            | $\dashv$  | +        |              |             | 101           | H         | +             | ╁       | +       | Н        | Н  | 十        | $\dashv$ |  |   |
|  | 2               | 2        | H      |        |          | П                   | $\Box$   | $\Box$    | $\bot$     | 7        | Г              |       | 3   | T                    | F                        | П                      | Ţ        | 7            | 7         |          |              |             | 102           | П         | 4             | Ŧ       | T       |          |    | #        | 7        |  |   |
|  | 1               | 4        | ₩      |        | ╁        | H                   |          | +         | +          | -        | -              | 5     | 4   | ╁                    | +                        | $\vdash$               | ╫        | +            | ᆉ         | 十        |              |             | 103<br>104    | Н         | ╅             | +       | ╁       | ╁        | Н  | ╫        | ┥        |  |   |
|  |                 |          | $\Pi$  | Ţ      | L        |                     | $\Box$   | 4         | 1          | ]        |                | 5     | 5   | T                    | I                        | $\Box$                 | 1        | 1            | $\exists$ | 1        |              |             | 105           |           | 1             | Ţ       | I       |          | П  | 丰        | ]        |  |   |
|  |                 | D        | Ш      | 1=     | +        | Н                   | $\dashv$ | +         | +          | -        | $\vdash$       |       | 6   | ╁                    | ╁                        | Н                      | +        | +            | +         | +        | ┨            |             | 106           | Н         | $\dashv$      | ╀       | ╄       | ┝        | Н  | +        | $\dashv$ |  |   |
|  |                 |          | Ic     | )=     | 1        |                     |          | 1         | 1          | ]        |                | 5     | 8   |                      |                          |                        | 1        | #            | #         |          |              |             | 108           | П         | 士             | 1       | 上       |          | 口  |          | 1        |  | • |
|  |                 |          |        | ╢      | ╀        | H                   | Н        | $\dashv$  | +          | -        | ┝              | 5     | 9   | ╁                    | ╁                        | ╟╫                     | ╬        | +            | $\dashv$  | ╁        | -            | <u> </u>    | 109<br>110    | Н         | $\dashv$      | +       | ╀       | ╀        | Н  | ╬        | -        |  |   |
|  |                 |          | Ш      | Щ      | 二        | П                   |          | #         | 丰          |          |                | 6     | 1   | 丰                    |                          | ロ                      | #        | #            |           | 工        |              |             | 111           |           | _             | 土       | 士       |          |    |          | 1        |  | - |
|  |                 |          | #      | ₩      | ╁╌       | Н                   | $\dashv$ | $\dashv$  | +          | -        | -              |       | 3   | +                    | ╀                        | Н                      | ╀        | +            | +         | +        | ł            | <b> </b>    | 112<br>113    | Н         | +             | +       | +       | ۱.,      | Н  |          | 4        |  |   |
|  |                 |          |        | 1      | 上        |                     |          | 士         | 士          |          |                | 6     | 4   | 土                    |                          | $\Box$                 | 1        | 1            | 士         |          |              |             | 114           |           |               | $\pm$   | t       | $\vdash$ |    | 士        | 1        |  |   |
|  | $\vdash$        |          | ╫      | ╀      | ╀        | Н                   | Н        | $\dashv$  | +          | -        | -              |       | 5   | +                    | Ļ                        | ┝╌┼                    | +        | 4            | 4         | 4        |              |             | 115<br>116    |           |               | $\bot$  | $\perp$ |          |    | 4        | 7        |  |   |
| -  |                 |          |        | 土      |          |                     |          |           | 士          |          |                | ₹     | 7   | 土                    | 上                        |                        | $\perp$  | 1            | 士         | 上        |              |             | 117           |           | 士             | $\pm$   | T       | t        |    | 士        |          |  |   |
|  |                 | 18       | -      | $\mp$  | ╀        | Н                   | Н        | +         | +          | -        | Ë              |       | 8   | +                    | ╀                        | Н                      | +        | 4            | 4         | 1        | 4            |             | 118<br>119    | $\Box$    | $\dashv$      | $\bot$  | Į.      | L        | П  | $\perp$  | 7        |  |   |
|  |                 | 20       | 1      | 土      | $\perp$  |                     | H        | 1         | $\pm$      | 1        |                | 17    | 0   | +                    | +                        |                        | $\pm$    | $^{+}$       | +         | +        |              | —           | 120           | Н         | ╁             | +       | +       | Н        | Н  | 十        | $\dashv$ |  |   |
|  | $\vdash$        | 21<br>22 |        | $\bot$ | ╀        | Н                   | Н        | 4         | 4          | -        | _              |       | 1 2 | -                    | $\vdash$                 | П                      | $\bot$   | $\downarrow$ | $\neg$    |          |              |             | 121           | П         | $\Box$        | Ţ       |         | L        | П  | $\Box$   | ]        |  |   |
|  |                 | 23       | $\pm$  | $\pm$  |          | Н                   |          | +         | +          | 1        | $\vdash$       | +     | 3   | +-                   | ╁                        | H                      | +        | +            | +         | +        | ┪            | _           | 122<br>123    | Н         | $\dashv$      | +       | +       | ├        | Н  | $\dashv$ | $\dashv$ |  |   |
|  |                 | 24<br>25 | 7      | Ŧ      |          | П                   |          | 7         | 7          | 7        |                | 7     | 4   | I                    | T                        | 耳                      | 7        | 1            | $\Box$    | 1        | ]            |             | 124           |           | 二             | 1       | T       |          | П  | #        | ]        |  |   |
| •  |                 | 26       | 十      | +      | +-       | Н                   | H        | $\dashv$  | +          | ┨        | -              |       | 6   | +                    | ╁                        | ┝╌┼                    | +        | +            | $\dashv$  | ╫        | -            |             | 125<br>126    | Н         | +             | +       | ╁       | ╀        | Н  | +        | ┥        |  |   |
|  |                 | 27       | 7      | Ţ      | F        | П                   | $\Box$   | $\dashv$  | 1          | ]        |                | 7     | 7   | 工                    | L                        | П                      | 1        | 1            | #         | $\bot$   |              |             | 127           | П         | 丰             | 丰       | 上       |          |    | 士        | 1        |  |   |
|  | Н               | 28<br>29 | +      | ╁      | ╁        | Н                   | H        | $\dashv$  | +          | -        | ┝              | ++    | 8   | ╁                    | ╁                        | H                      | ╁        | +            | ╅         | +        | -            | <u> </u>    | 128<br>129    | Н         | +             | +       | ╀       | $\vdash$ | Н  | +        | 4        |  |   |
|  |                 | 30       | 1      | Ţ      |          |                     | $\Box$   | 1         | 1          |          |                | 8     | 0   | 丰                    | T                        |                        | 1        | 1            | $\dashv$  | 丰        |              |             | 130           |           | 士             | 土       | 上       |          |    |          | Ħ        |  |   |
|  | Н               | 31<br>32 | +      | +      | ╁        | Н                   | -        | +         | +          | -        | ├              |       | 1 2 | ╫                    | ╀                        | H                      | +        | ╬            | +         | +        | ┨            | $\vdash$    | 131<br>132    | H         | +             | ╀       | ╀       | $\vdash$ | H  | +        | 4        |  |   |
|  |                 | 33       |        | T      |          | П                   | $\Box$   | $\exists$ | 1          |          |                | 8     | 3   | 士                    |                          |                        | 1        | 士            | ユ         |          |              |             | 133           |           | $\pm$         | 1       | 上       |          | Н  |          | 1        |  |   |
|  | $\vdash$        | 34<br>35 | +      | +      | ╀        | H                   | $\dashv$ | $\dashv$  | +          | -        | $\vdash$       |       | 5   | +                    | ╁                        | $\vdash \vdash$        | +        | +            | +         | +        | ┨            |             | 134<br>135    | $\square$ | +             | 1       | F       | П        | П  | $\bot$   | 7        |  |   |
|  |                 | 36       | 丰      | 丰      |          |                     |          | #         | 1          |          |                | 8     | 6   | 土                    |                          |                        | 士        | 1            |           |          |              |             | 136           |           | $\perp$       | $\perp$ | +       | Н        | H  | +        | $\dashv$ |  | • |
|  | $\vdash\dashv$  | 37<br>38 | +      | ╀      | ╀        | Н                   | $\dashv$ | +         | +          | -        | _              | 8     |     | ╁                    | ╀                        | $\vdash$               | +        | +            | 4         | _        | ł            |             | 137           | Н         | _             | Ţ       | F       |          | П  | Π.       | 7        |  |   |
|  |                 | 39       | 1      | 丰      | 口        | 口                   |          |           | 士          |          |                | 8     | 9   | $\pm$                |                          |                        | 士        | 士            | 士         | 士        |              |             | 138<br>139    | H         | <del></del>   | 士       | +       | $\vdash$ | H  | +        | $\dashv$ |  |   |
|  | $\vdash$        | 40       | +      | +      | +        | $oldsymbol{\sqcup}$ | $\dashv$ |           | +          | -        | $ar{\Box}$     | 9     | 0   | Ŧ                    | F                        | H                      | Ŧ        | 7            | $\perp$   | 丰        |              |             | 140           |           | 7             | 1       | F       | П        | П  | #        | 7        |  |   |
|  |                 | 42       | 土      | 士      |          | 目                   |          | $\exists$ | 士          |          |                | 9     | 2   | $\pm$                |                          | $\Box$                 | 士        | $\pm$        | +         | 士        |              |             | 141           | H         | +             | ╁       | +       | Н        | Н  | +        | $\dashv$ |  |   |
|  | $\vdash \vdash$ | 43       | +      | +      | $\vdash$ | Н                   | $\dashv$ | $\dashv$  | $\mp$      | -        | $\vdash$       | 9     | 3   | Ŧ                    | F                        | H                      | Ţ        | Ţ            | 7         | Ŧ        |              |             | 143           | П         | 7             | T       | Ŀ       | П        | 口  | 1        | ]        |  |   |
|  |                 | 45       |        | 上      | Ė        | ㅂ                   |          | 士         | 士          |          |                | 9     | 5   | 士                    | $\vdash$                 | 片                      | 十        | +            | +         | +        |              | -           | 144           | H         | ╬             | +       | +       | H        | Н  | +        | +        |  |   |
|  | $\vdash$        | 46       | $\bot$ | F      |          | П                   | 4        | 7         | Ŧ          |          | 匚              |       | 6   | Ŧ                    | $\Box$                   |                        | 7        | 7            | 7         | 1        |              |             | 146           | 口         | 1             | I       |         | 口        | 口  | 1        | 1        |  | - |
|  |                 | 48       | 士      | 上      |          | H                   | _        | +         | +          | <b>j</b> | H              | 9     |     | +                    | H                        | +                      | +        | +            | +         | +        |              | <b> -</b> - | 147           | ┤         | ╁             | +       | +       | Н        | H  | +        | 4        |  |   |
|  | $\Box$          | 49<br>50 | T      | F      | $\Box$   | П                   | $\dashv$ | 4         | 7          | -        | <u> </u>       | 9     | 9   | T                    | $\Box$                   | 耳                      | 1        | 1            | #         | 工        |              |             | 149           | 口         | 士             | #       |         |          |    | $\perp$  | 1        |  |   |
|  |                 | <u> </u> |        | 1_     | i_       | ıj                  |          | - 1       |            | F::::    | ı              | 10    | 101 | 1                    | 1 1                      |                        | 1        | ì            | ı         | - 1      | 111111       | , 1         | 150           | ıI        | - 1           | 1       | 1       | ıI       | ır |          | 1        |  |   |